\_\_\_\_\_\_

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)

217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2010; month=7; day=30; hr=10; min=18; sec=55; ms=987; ]

## Validated By CRFValidator v 1.0.3

Application No: 10581431 Version No: 5.1

Input Set:

Output Set:

**Started:** 2010-07-30 10:16:22.703

Finished: 2010-07-30 10:16:26.168

**Elapsed:** 0 hr(s) 0 min(s) 3 sec(s) 465 ms

Total Warnings: 31

Total Errors: 0

No. of SeqIDs Defined: 72

Actual SeqID Count: 72

Error code		Error Description									
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W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(3)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(4)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(5)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(6)
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W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(8)
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W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(10)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(11)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(12)
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W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(15)
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W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(17)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(18)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(20)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(21)

Input Set:

Output Set:

**Started:** 2010-07-30 10:16:22.703

Finished: 2010-07-30 10:16:26.168

**Elapsed:** 0 hr(s) 0 min(s) 3 sec(s) 465 ms

Total Warnings: 31

Total Errors: 0

No. of SeqIDs Defined: 72

Actual SeqID Count: 72

Error code Error Description

This error has occured more than 20 times, will not be displayed

## SEQUENCE LISTING

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<110> The Scripps Research Institute
      Barbas III, Carlos F.
      Chung, Junho
<120> INTEGRIN ALPHA.IIb.BETA.3 SPECIFIC ANTIBODIES AND PEPTIDES
<130> TSRI 1019.1 US
<140> US 10/581,431
<141> 2004-12-03
<150> US 60/526,859
<151> 2003-12-03
<150> PCT/US2004/040381
<151> 2004-12-03
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<211> 11
<212> PRT
<213> Artificial Sequence
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<400> 1
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<210> 2
<211> 11
<212> PRT
<213> Artificial Sequence
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<223> HCDR3 part
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<210> 3
<211> 16
<212> PRT
<213> Artificial Sequence
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<223> Synthetic Construct

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<223> encoded by randomized DNA sequence: Ala, Cys, Asp, Glu,
Phe, Gly, His, Ile, Lys, Leu, Met, Asn, Pro, Gln, Arg, Ser,
Thr, Val, Trp, Tyr
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                                     10
                                                         15
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<213> Artificial Sequence
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<223> HCDR3 consensus part
<400> 4
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<223> HCDR3 consensus part
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Val Trp Cys Arg Ala Asp Lys Arg Cys
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<223> HCDR3 consensus part
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<210> 8
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<213> Artificial Sequence
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<223> CDR consensus part
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                                      10
                                                          15
Val
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<211> 72
<212> DNA
<213> Artificial Sequence
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<223> primer neo-rad-f
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<221> misc_feature
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<223> n represents a, g, c, or t
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                                                                        60
                                                                        72
gacgtctggg gc
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<213> Artificial Sequence
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<223> primer dpseq
<400> 10
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agaagcgtag tccggaacgt c
                                                                       21
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<223> primer DP-47N-term
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gctgcccaac cagccatggc cgaggtgcag ctgttggagt ctgggggagg cttggta
                                                                       57
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<223> primer DP-47FR3
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                                                                       39
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<223> primer lead-VH
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                                                                       21
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<212> DNA
<213> Artificial Sequence
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<223> primer dp-EX
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```

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<223> primer leadB
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<212> DNA
<213> Artificial Sequence
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<223> primer RSC-F
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<211> 21
<212> DNA
<213> Artificial Sequence
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<223> primer lead-B
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ggccatggct ggttgggcag c
                                                                       21
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Thr His Ser Arg Ala Asp Arg Arg Glu
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<223> inversed RAD motif peptide
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 1
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<211> 9
<212> PRT
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<223> inversed RAD motif peptide
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Thr His Ser Asp Ala Arg Arg Glu
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<210> 22
<211> 9
<212> PRT
<213> Artificial Sequence
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<222> (1,2,3,7,8,9)
<223> encoded by randomized DNA sequence: Ala, Cys, Asp, Glu,
Phe, Gly, His, Ile, Lys, Leu, Met, Asn, Pro, Gln, Arg, Ser,
Thr, Val, Trp, Tyr
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Xaa Xaa Xaa Arg Ala Asp Xaa Xaa
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<223> RAD motif peptide
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Cys Arg Ala Asp Val Pro Leu Cys
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<211> 9
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<223> RAD motif peptide
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Cys Met Ser Arg Ala Asp Arg Pro Cys
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Val Arg Val Val Cys Arg Ala Asp Lys Arg Cys Tyr Ala Met Asp
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<210> 26
<211> 16
<212> PRT
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<223> CDR consensus part
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                                                          15
                                     10
Val
<210> 27
<211> 16
<212> PRT
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```
<223> CDR consensus part
<400> 27
Val Arg Val Trp Cys Arg Ala Asp Lys Arg Cys Tyr Ala Met Asp
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                                                          15
                                     10
Val
<210> 28
<211> 16
<212> PRT
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<400> 28
Val Gly Val Val Cys Arg Ala Asp Arg Arg Cys Tyr Ala Met Asp
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                                     10
                                                          15
Val
<210> 29
<211> 16
<212> PRT
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<213> Artificial Sequence

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                                      10
                                                          15
Gly Ser Leu Arg Leu Ser Cys Ala Gly Ser Gly Phe Thr Phe Ser
                 20
                                     25
                                                          30
Ser Tyr Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
                 35
                                      40
                                                          45
Glu Trp Val Ser Ala Ile Gly Thr Gly Gly Gly Thr Tyr Ala
                 50
                                      55
                                                          60
Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys
                 65
                                      70
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Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr
Ala Val Tyr Tyr Cys Ala Arg Val Arg Val Cys Arg Ala Asp
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Arg Arg Cys Tyr Ala Met Asp Val Trp Gly Gln Gly Thr
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<223> RAD9 part
<400> 33
Glu Val Gln Leu Leu Glu Ser Gly Gly Leu Val Gln Pro Gly
                  5
                                                          15
 1
                                     10
Gly Ser Leu Arg Leu Ser Cys Ala Gly Ser Gly Phe Thr Phe Ser
                 20
                                     25
                                                          30
Ser Tyr Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
                 35
                                      40
                                                          45
Glu Trp Val Ser Ala Ile Gly Thr Gly Gly Gly Thr Tyr Ala
                 50
                                                          60
                                      55
Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys
```

```
      Asn
      Ser
      Leu
      Tyr
      Leu
      Gln
      Met
      Asn
      Ser
      Leu
      Arg
      Ala
      Glu
      Asp
      Thr

      Ala
      Val
      Tyr
      Tyr
      Cys
      Ala
      Arg
      Val
      Val
      Val
      Cys
      Arg
      Ala
      Asp

      Arg
      Arg
      Cys
      Tyr
      Ala
      Met
      Asp
      Val
      Trp
      Gly
      Gln
      Gly
      Thr

      105
      Tyr
      Ala
      Met
      Asp
      Val
      Trp
      Gly
      Gln
      Gly
      Thr
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<212> PRT

<213> Homo sapiens

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<223> RAD12 part

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<210> 35

<211> 118

<212> PRT

<213> Homo sapiens

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<223> RAD34 part

<400> 35

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<211> 118

<212> PRT

<213> Homo sapiens

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      Ala Val Tyr
      Tyr
      Cys
      Ala Arg
      Val Gly
      Val Trp
      Cys
      Arg
      Ala Asp

      Lys
      Arg
      Cys
      Tyr
      Ala Met Asp
      Val Trp
      Gly
      Gln
      Gly
      Thr

      110
      115
      115
      115
      115
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<223> RAD88 part

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<213> Homo sapiens

110

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<223> RAD1 part

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Thr Ala Val Tyr Tyr Cys Ala Arg Val Arg Thr His Ser Arg Ala
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                 95
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Asp Arg Arg Glu Tyr Ala Met Asp Val Trp Gly Gln Gly Thr
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                                    115
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Arg Ala Asp
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Arg Tyr Asp
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<223> RAD1 part

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<212> PRT
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<223> RAD4 part
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Val Trp Cys Arg Ala Asp Arg Arg Cys
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<211> 9
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<223> RAD32 part
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<211> 18
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<213> Homo sapiens
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15

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